GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

STARRED QUESTION NO:273
ANSWERED ON:09.08.2001
DEVELOPMENT OF QUALITY PROTEIN MAIZE
JASWANT SINGH YADAV;SURESH RAMRAO JADHAV (PATIL)

Will the Minister of AGRICULTURE be pleased to state:

(a) whether the Indian Council of Agricultural Research (ICAR) is working on development of varieties with quality protein maize;

(b) if so, the details of varieties of maize developed by ICAR during the last three years; and

(c) the steps taken/proposed to be taken to make available these new varieties of maize to the farmers in maize potential districts of the country?

Answer

THE MINISTER OF AGRICULTURE (SHRI AJIT SINGH)

(a) to (c): A Statement is laid on the Table of the Sabha.

STATEMENT IN RESPECT OF PARTS (a) TO (c) OF LOK SABHA STARRED QUESTION NO. 273 FOR 09/08/2001 REGAR DEVELOPMENT OF QUALITY PROTEIN MAIZE.

(a) Yes, Sir.

(b) Two quality protein maize hybrids namely Shaktiman-1 (A three-way cross hybrid [(CML 142 X CML 150) CML 186] and Shaktiman-2 (Single Cross hybrid CML 176 X CML 186) have been developedBoth the hybrids have been recommended for the State of Bihar by Rajendra Agricultural University, Pusa, Bihar.Shaktiman-1 has also been released for Uttar Pradesh by its State Variety Release Committee. The parental lines of these hybrids have been developed at International Centre for Maize and Wheat Improvement, Mexico. Both are high yielding hybrids having white bold seeds with high lysine and tryptophan, the two essential amino acids. These hybrids are also tolerant to major insect pests and diseases.

(c) Seed production of these hybrids is being taken up by public sector agencies such as National Seed Corporation, Tarai Development Corporation and Kolhapur Centre of Mahatma Phule Krishi Vishwa Vidyalaya, RahuriSeed production is also being taken up by some of the private sector agencies, such as MAHYCO, Pro Agro Seed Company and Bisco Seed Tech. About one thousand quintals of seed of these hybrids is expected to be available for cultivation during 2002.